



**PERIODIC TEST 1 (APRIL, 2023)**

**CLASS - VIII SUBJECT- GENERAL SCIENCE**

**TIME - 1 HOUR 30 MIN**

**Max. Marks - 40**

**GENERAL INSTRUCTIONS: -**

- All questions are compulsory.
- Draw neat and labeled diagrams.
- Draw margins on both sides.
- Leave two lines at the end of every answer.

**Q1. Fill in the blanks:**

**(1×3=3)**

- Manures are \_\_\_\_\_ materials.
- \_\_\_\_\_ is a large molecule comprised of repeating structural units joined together.
- Nitrogen fixing bacteria live in the root nodules of. \_\_\_\_\_

**Q2. Short answer questions:**

**(2X 3=6)**

- What are kharif crops? Give two examples.
- Define polymer.
- Why is drip irrigation the best method of watering Plants?

**Q3. Short answer questions:**

**(3X3=9)**

- What is food preservation? Explain any two methods of food preservation.
- List the advantages of synthetic fibres over natural fibres.

c) **(i)** Since many students from the neighborhood were suffering from Dengue, the teacher advised the students to wear full sleep shirts and trousers, even though it was summer and time to wear the summer uniform. Why?

**(ii)** Biodegradable and non biodegradable materials should be collected separately and disposed of separately. Give reasons.

**Q4. Long Answer Questions (Picture based):**

**(5X2=10)**

a)



**Look at the picture and answer the following questions.**

i) What are these swelling parts known as?

ii) In which plants these swellings are found?

iii) These swelling parts contain some bacteria. What are these bacteria called?

iv) How are these bacteria useful for the crops?

v) Which process is associated with these swelling-like parts?

b)



**Look at the picture and answer the following questions.**

- i) Identify the microorganism.
- ii) To which does it belong?
- iii) On which food item does it grow?
- iv) Does it grow well in dry or in moist conditions?
- v) Is it safe to eat its infected bread?

**Q5. Case-based question:**

**(4X3=12)**

**1. Conversation between two farmers Ram Singh and Ganesh.**

**Ram Singh: Brother Ganesh, your maize crops looks beautiful! They have grown pretty fast.**

**Ganesh: Yes brother. I have sprayed urea this time. What about you?**

**Ram Singh: Well, I am still relying on good old cow dung. This way, I will save money for buying a tractor.**

**Ganesh: That is good. Tractor will save your time and labour both.**

**Ram Singh: Yes, it has been very labour intensive for me. Now these weeds have come up.**

**Ganesh: Try weedicides, they are effective.**

- a) Its application? List the practices which are not environment friendly and why?
- b) What is the advantage of modern agriculture implements over traditional ones?
- c) Name one weedicide.
- d) What precaution farmers must take during

**2. Gagan dug two pits in his garden. He named them as P and Q. In pit P, he put a polythene bag packed with some agricultural waste. In pit Q, he dumped the same kind of waste but without packing it in a polythene bag. He then covered both the pits with soil.**

- a) What did he observe after a month?
- b) Waste in which pit degraded faster?
- c) Did waste in both pits degrade almost equally?
- d) Who is responsible for the degradation of the waste?

**3. Mohan went to the market to purchase a blanket. The shopkeeper showed him the blankets made of acrylic fibres as well as wool. He preferred to buy an acrylic blanket.**

- a) Why did he prefer the acrylic blanket?
- b) Is acrylic fibre soft and lighter than wool?
- c) Acrylic is less resistant to moths than wool. Do you agree with it?
- d) What kind of fibre is Acrylic?